

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (*Currently Amended*) A liquid fertilizer injector system attached to a source of water by a water source line, the system comprising:

an inlet line adapted for attachment to ~~the~~ a water source line;

a holding tank connected to ~~the~~ said inlet line;

a collapsible impermeable bag ~~that is filled with~~ disposed in said holding tank;

a predetermined amount of liquid fertilizer disposed within ~~the holding tank~~ said impermeable bag;

an outlet line connected between ~~the~~ said bag and the water source line downstream from ~~the~~ said input line;

a port position indicator valve disposed in ~~the~~ said outlet line for incrementally controlling the flow of liquid fertilizer from ~~the~~ said outlet line back to the water source line; and

a drainage valve to drain and release any input water in ~~the~~ said holding tank ~~from the liquid fertilizer and injection system~~;

wherein pressure from water entering ~~the~~ said tank from the water source line compresses ~~the~~ said bag to force said liquid fertilizer through ~~the~~ said output line and into water flowing in the water source line for subsequent dispersion.

Claim 2. (*Currently Amended*) The system according to claim 1, wherein ~~the~~ said port position indicator valve has a fully closed position, a 3/4ths closed position, a 1/2 closed position, a 1/4th closed position and a fully open position.

Claim 3. (*Currently Amended*) The system according to claim 1, further comprising a combination union connection and injector valve adapted for connection to the water source line, ~~the~~ said outlet line being connected to ~~the~~ said injection valve.

Claim 4. (*Currently Amended*) The system according to claim 1, wherein ~~the~~ said drainage valve has an open position for draining water from ~~the~~ said tank.

Claim 5. (*Currently Amended*) A liquid fertilizer injector system attached to a water source line, comprising:

an inlet line adapted for connection to ~~the~~ a water source line;

a mixing tank connected to ~~the~~ said inlet line, said inlet line providing a predetermined amount of water from the water supply line to said mixing tank;

a feeding chamber connected to ~~the~~ said tank, ~~the~~ said feeding chamber being adapted for adding liquid fertilizer to the said mixing tank ~~for mixing with water from the inlet line~~;

an agitator disposed in the said mixing tank, said agitator mixing the liquid fertilizer with the predetermined amount of water from the inlet line;

an outlet line connected to ~~the said~~ mixing tank and adapted for connection to the water source line downstream from ~~the said~~ input line; and
a port position indicator valve disposed in ~~the said~~ outlet line for incrementally controlling ~~the flow of the mix of~~ water and ~~said~~ liquid fertilizer ~~mix~~ in the outlet line.

Claim 6. (*Currently Amended*) The system according to claim 5, wherein ~~the said~~ port position indicator valve has a fully closed position, a 3/4ths closed position, a 1/2 closed position, a 1/4 closed position and a fully open position.

Claim 7. (*Currently Amended*) The system according to claim 5, further comprising a combination union connection and an injector valve adapted for being disposed in the water source line downstream from ~~the said~~ input line, ~~the said~~ output line being connected to ~~the said~~ injector valve.

Claim 8. (*Currently Amended*) A method for operating a liquid fertilizer injector system using liquid fertilizer with water and a water source, comprising the steps of:

providing a holding tank;

providing a collapsible impermeable bag disposed in the holding tank;

the impermeable bag containing a predetermined amount of fertilizer;

receiving the a supply of water from the a water source in the holding tank;

expelling the fertilizer via the supply of water in the holding tank exerting pressure on the impermeable bag forcing the fertilizer out of the impermeable bag;
controlling the flow of the liquid fertilizer from the impermeable bag;
providing an injection valve for combining the water of the water supply line with
the liquid fertilizer from within the liquid fertilizer injection system;
distributing the liquid fertilizer;
~~controlling the flow of the liquid fertilizer from the liquid fertilizer injection system;~~
and
maintaining the liquid fertilizer ~~injection system~~ in the impermeable bag as
needed.

Claim 9. (*Canceled*)

Claim 10. (*Currently Amended*) The method according to claim 8, wherein the step of
controlling the flow of the liquid fertilizer from the liquid fertilizer injection system,
further comprises an additional step of using an incremental port position indicator valve
for controlling the flow of the liquid fertilizer.

Claim 11. (*Currently Amended*) The method according to claim 8, wherein the step of maintaining the liquid fertilizer injection system as needed, further comprises an additional step of draining any water from the liquid fertilizer injection system when the collapsible impermeable bag is emptied.

Claim 12. (*Currently Amended*) A method for operating a liquid fertilizer injector system using liquid fertilizer with water and a water source, comprising the steps of:

providing a mixing tank having an inlet line;
providing a feeding chamber attached to the mixing tank for inserting a
predetermined amount of liquid fertilizer into the mixing tank;
receiving ~~the~~ a supply of water from ~~the~~ a water source in the mixing tank;
reacting mixing the supply of water with the predetermined amount of liquid fertilizer ~~from within the liquid fertilizer injection~~ in the mixing tank;
controlling the flow of the mixed liquid fertilizer and water from the mixing tank;
distributing the mixed liquid fertilizer and water;
~~controlling the flow of the liquid fertilizer and water from the liquid fertilizer~~
~~injection system;~~ and
maintaining the liquid fertilizer ~~injection system~~ in the feeding chamber as needed.

Claim 13. (*Currently Amended*) The method according to claim 12, wherein combining the water with the liquid fertilizer from within the liquid fertilizer injection system, further comprises an additional step of agitating the water ~~reacting with~~ and the liquid fertilizer in ~~an agitated~~ the mixing tank.

Claim 14. (*Currently Amended*) The method according to claim 12, wherein the step of controlling the flow of the liquid fertilizer and water from the liquid fertilizer injection system, further comprises an additional step of using an incremental port position indicator valve for controlling the flow of the liquid fertilizer and water.